CLAIM AMENDMENTS

1. (currently amended) ~~Method~~ A method for the

controlled delivery of digital services within a plurality of

providers (SP) and users (U), wherein said services are identified

by respective stream of encoded digital data emitted by said

providers (SP) and the users are provided with ~~reception means~~

receiver (STB) to receive said digital data streams, the ~~reception~~

~~means~~ receiver being selectively enabled to make use of determined

services through a respective user unit (105), ~~characterized in~~

~~that it comprises~~ comprising the ~~operations~~ steps of:

incorporating into said ~~coded~~ digital data streams at

least one algorithm for enabling the use of respective determined

services (TMW2),

incorporating into said ~~coded~~ digital data streams a

respective identifying code (EMM) for each user (U) to be enabled

to receive a certain service,

associating to said user unit (105) a processing function

(VM) capable of recognizing and executing said at least one

enabling algorithm by exploiting said identifying code to enable

the ~~receiving means~~ receiver (STB) of the respective user to make

use of said service.

1   2.   (currently amended) ~~Method~~ The method according to

2   claim 1, ~~characterized in that it~~ which comprises the ~~operation~~

3   step of configuring said user unit (105) as a movable processing

4   support uniquely assigned to one of said users (1) and arranged to

5   be selectively associated to said ~~reception means~~ receiver (STB),

6   said ~~reception means~~ receiver (STB) being of a generalized type

7   common to multiple users of said plurality (U).

1   3.   (currently amended) ~~Method~~ The method according to

2   claim 2, ~~characterized in that it~~ which comprises the ~~operation~~

3   step of configuring said movable processing support as a smart

4   card.

1   4.   (currently amended) ~~Method~~ The method according to

2   ~~any of the previous claims, characterized in that it~~ claim 3 which

3   comprises the ~~following operations~~ steps of:

4   associating to said ~~reception means~~ receiver (STB) a

5   trusted middleware (TMW) function,

6   configuring said trusted middleware function into a

7   static part (TMWI), residing on said ~~reception means~~ receiver

8   (STB), and a dynamic part (TMW2) arranged to be selectively

9   transferred onto said user unit (105) in view of the execution of

10 said at least one algorithm by said processing function (VM).

- 4 -

11   5. (currently amended) ~~Method~~ The method according to

12 ~~any of the previous claims, characterized in that it~~ claim 3 which

13 comprises the ~~following operations~~ steps of:

14   configuring said digital data streams as MPEG data

15 streams containing EMM messages,

16   inserting said identifying code in to the EMM messages,

17   activating, through said user unit (105) and upon

18 reception of said at least one algorithm, the performance of the

19 following functions:

20   extracting, reading and deciphering the EMM messages

21 contained in the digital data stream received,

22   interpreting said identification code contained in the

23 EMM messages,

24   executing said at least one enabling algorithm by

25 exploiting said identification code.

1   6. (currently amended) ~~Method~~ The method according to

2   ~~any of the previous claims, characterized in that~~ claim 3 wherein

3   said at least one enabling algorithm is incorporated in to a stream

4   of private data within said digital data stream.

1   7. (currently amended) ~~Method~~ The method according to

2   claim 3 wherein ~~any of the previous claims, characterized in that,~~

3   upon reception of said at least one algorithm, said processing

4   function (VM) enables said ~~reception means~~ <u>receiver</u> to operation as

5   transmitters to transmit information about the delivery of the

6   service itself.

8.   (currently amended) ~~System~~ <u>A system</u> for the

controlled delivery of digital services by a plurality of providers

(SP) to a plurality of users (U), wherein said services are

identified by respective coded <u>digital</u> data streams delivered <u>by at</u>

<u>least one device for at least one service provider</u> ~~said providers~~

(SP) and the users are provided with ~~receiving means~~ <u>at least one</u>

<u>receiver</u> (STB) <u>for at least one user</u> to receive said <u>digital</u> data

streams, the ~~receiving means~~ <u>receiver</u> being selectively enabled to

make use of determined services through a respective user unit

(105), ~~characterized in that~~ <u>wherein</u>:

    said providers (SP) are arranged to incorporate into the

respective ~~encoded~~ <u>digital</u> data streams at least one algorithm for

enabling use of respective determined services, as well as to

incorporate into said digital data streams a respective

identification code (TMW2) for each user (U) to be enabled to

receive a determined service, <u>and</u>

    said user units (105) have associated thereto a

processing function (VM) arranged to recognize and execute said at

19   least one algorithm on the basis of said identifying code, to

20   enable the ~~receiving means~~ <u>receiver</u> (STB) of the respective user to

21   make use of said service.

9.   (currently amended)   ~~System~~ <u>The system</u>   according to

2   claim 8~~, characterized in that~~ <u>wherein</u> said user units (105) are

3   configured as removable processing supports uniquely assigned each

4   to one of said users (1) and arranged to be selectively associated

5   to said ~~receiving means~~ <u>receiver</u>, said ~~receiving means~~ <u>receiver</u>

6   being of a generalized type common to multiple users of

7   said plurality (U).

8   10.   (currently amended)   ~~System~~ <u>The system</u>   according to

9   claim 9~~, characterized in that~~ <u>wherein</u> said movable processing

10 supports are configured as smart cards.

1   11. (currently amended)   ~~System~~ <u>The system</u>   according to

2   ~~any of claims~~ claim 8 ~~to 10~~, ~~characterized in that~~ <u>wherein</u>:

3   said ~~receiving means~~ <u>receiver</u> ~~have~~ <u>has</u> associated thereto

4   a trusted middleware function (TMW) configured in a static part

5   (TMW1), residing on said ~~receiving means~~ <u>receiver</u> (STB), and in a

6   dynamic part (TMW2) arranged to be selectively transferred on the

7   respective user unit (105) in view of the execution of said at

8   least one algorithm by said processing function (VM).

1   12.   (currently amended)   ~~System~~ The system according to

2   ~~any of claims~~ claim 8 ~~through 11, characterized in that~~ wherein

3   said service providers emit said digital data streams as MPEG data

4   streams containing EMM messages with said identifying code inserted

5   in said EMM messages, and said ~~receiving means~~ receiver comprises:

6   ~~means~~ modules for extracting, reading and deciphering the

7   EMM messages contained in the received digital data stream,

8   ~~means~~ modules (103, 104) for interpreting said

9   identifying code contained in the EMM messages, and

10   processing ~~means~~ modules (VM) to execute said at least

11   one enabling algorithm on the basis of said identifying code.

1   13.   (currently amended)   ~~System~~ The system according to

2   ~~any of claims~~ claim 8 ~~through 12, characterized in that~~ wherein

3   said service providers incorporate said at least one enabling

4   algorithm into a stream of private data within said ~~digital~~ data

5   streams.

1   14.   (currently amended)   ~~System~~ The system according to

2   claim 13~~, characterized in that~~ the ~~receiving means~~ receiver can be

3   activated by said user unit (105) upon reception of said at least

4   one algorithm for operation as transmitters to transmit information

5   about the delivery of the service itself.

1   15.   (currently amended)   ~~System~~ <u>The system</u> according to

2   ~~any of claims~~ <u>claim</u> 8 ~~through 14, characterized in that~~ <u>wherein</u>

3   said user unit (105) is configured as a Java Card.